SEQUENCE LISTING

	David J KYLE Arun K DHAR	
<120>	RNA-Mediated Interference to Control Disease in Terrestrial and Aquaculture Animals	d
<130>	E1975-00043	
	IN: Not Yet Assigned 2006-09-06	
	US 60/542,391 2004-04-06	
	PCT US05/003715 2004-02-04	
<160>	120	
<170>	PatentIn version 3.3	
<210><211><212><213>	21	
<220> <223>	Sense siRNA strand against WSSV VP28 gene	
<400>	1	
gguugg	auca ggcuacuuct t	21
<210><211><212><213>	21	
<220>		
<223>	Antisense siRNA strand against WSSV VP28 gene	
<400>	2	0.1
gaagua	gccu gauccaacct c	21
<210><211><211><212><213>	65 DNA	
<220> <223>	Top strand oligonucleotide template for siRNA	
<400> gatccg	3 gttg gatcaggcta cttcttcaag agagaagtag cctgatccaa cctcttttt	60

ggaaa		65
<211> <212>		
<213>	Artificial	
<220> <223>	Bottom strand oligonucleotide template for siRNA	
<400>	4	
agctttt	cea aaaaagaggt tggatcaggc tacttctctc ttgaagaagt agcctgatcc	60
aaccg		65
	5	
<211> <212>		
	Artificial	
<220>		
<223>	Sense siRNA strand against WSSV VP28 gene	
<400> ggcuacu	5 nuca agaugacugt t	21
<210>	6	
<211> <212>		
	Artificial	
<220> <223>	Antisense siRNA strand against WSSV VP28 gene	
<400>	6	
	icuu gaaguageet g	21
<210>	7	
<211> <212>	DNA	
<213>	Artificial	
<220> <223>	Top strand oligonucleotide template for siRNA	
7000/	Top Soland Ollgondologiae complate for Silder	
<400> gatccgg	7 geta etteaagatg actgtteaag agacagteat ettgaagtag eetgttttt	60
ggaaa		65

<210> 8

<211>	65	
<212>	DNA	
<213>	Artificial	
<220>		
	Detter strong elicenselectide template for siDNA	
<223>	Bottom strand oligonucleotide template for siRNA	
<400>	8	
		60
agette	cca aaaaacaggc tacttcaaga tgactgtctc ttgaacagtc atcttgaagt	00
agccg		65
3 3		
<210>	9	
<211>	21	
<212>		
<213>	Artificial	
000		
<220>		
<223>	Sense siRNA strand against WSSV VP28 gene	
. 4.0.0		
<400>	9	
ggugugg	gaac aacacaucat t	21
<210>	10	
<211>	21	
	DNA	
<213>	Artificial	
<220>		
<223>	Antisense siRNA strand against WSSV VP28 gene	
<400>	10	
		0.1
ugaugu	guug uuccacacct t	21
0.1.0		
<210>	11	
<211>	63	
<212>	DNA	
<213>	Artificial	
<220>		
	Top strand oligonucleotide template for siRNA	
<223>	Top strand originateotide temprate for stran	
<400>	11	
	gtgt ggaacaacac atcattcaag agatgatgtg ttgttccaca ccttttttgg	60
gatteg	gege ggaacaacac accaeccaag agaegaegeg regerecaca cereterigg	00
aaa		63
<210>	12	
<211>	63	
<212>	DNA	
<213>	Artificial	
-220·		
<220>		

<223>	Bottom strand oligonucleotide template for siRNA	
<400>	12	
agcttt	tcca aaaaaggtgt ggaacaacac atcatctctt gaatgatgtg ttgttccaca	60
ccq		63
ccg		
<210> <211>	13 21	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Sense siRNA strand against WSSV VP26 gene	
<400>	13	21
gggcaa	aggu aaugucaaut t	21
<210>	14 21	
<211> <212>		
	Artificial	
<220>	Antigone gillin strong oggingt MCGV MDCC gone	
<223>	Antisense siRNA strand against WSSV VP26 gene	
<400>	14	
auugac	auua ccuuugccct t	21
<210>	15	
<211>	63	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Top strand oligonucleotide template for siRNA	
<400>	15	
	ggca aaggtaatgt caatttcaag agaattgaca ttacctttgc ccttttttgg	60
5 5		
aaa		63
<210>	16	
<211>	63	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Bottom strand oligonucleotide template for siRNA	
.4.0.0	16	
<400>	16 tcca aaaaagggca aaggtaatgt caattctctt gaaattgaca ttacctttgc	60

aag		63
<210><211><212><212><213>	17 21 DNA Artificial	
<220> <223>	Sense siRNA strand against WSSV VP26 gene	
<400> gguccu	17 acaa uacuccucut t	21
<210><211><211><212><213>	18 21 DNA Artificial	
<220> <223>	Antisense siRNA strand against WSSV VP26 gene	
<400> agagga	18 guau uguaggacct c	21
<210><211><212><212><213>		
<220> <223>	Top strand oligonucleotide template for siRNA	
<400> gatccg	19 gtcc tacaatactc ctctttcaag agaagaggag tattgtagga cctcttttt	60
ggaaa		65
<210><211><212><212><213>	20 65 DNA Artificial	
<220> <223>	Bottom strand oligonucleotide template for siRNA	
<400> agcttt	20 tcca aaaaagaggt cctacaatac tcctcttctc ttgaaagagg agtattgtag	60
gaccg		65
<210> <211>	21 21	

<212> <213>	DNA Artificial	
<220> <223>	Sense siRNA strand against WSSV VP26 gene	
<400> ggaaac	21 auua agggaaauat t	21
<210><211><211><212><213>	22 21 DNA Artificial	
<220> <223>	Antisense siRNA strand against WSSV VP26 gene	
<400> uauuuc	22 ccuu aauguuucct g	21
<210><211><212><213>	23 64 DNA Artificial	
<220> <223>	Top strand oligonucleotide template for siRNA	
<400> gatccg	23 aaac attaagggaa atattcaaga gatatttccc ttaatgtttc ctgttttttg	60
gaaa		64
<210><211><212><213>	24 62 DNA Artificial	
<220> <223>	Bottom strand oligonucleotide template for siRNA	
<400> agcttt	24 tcca aaaaagaaac attaagggaa atatctcttg aatatttccc ttaatgtttc	60
cg		62
<210><211><212><213>		
<220>	Sense siRNA strand against WSSV ProIn gene	

<400> gggaaga	25 aauu cuacaagaat t	21
	26 21 DNA Artificial	
<220>	Antisense siRNA strand against WSSV ProIn gene	
<400> uucuugi	26 laga auucuuccet g	21
<210><211><211><212><213>	27 65 DNA Artificial	
<220> <223>	Top strand oligonucleotide template for siRNA	
<400> gatccgg	27 ggaa gaattetaca agaatteaag agattettgt agaattette eetgtttttt	60
ggaaa		65
<210><211><211><212><213>	28 65 DNA Artificial	
<220> <223>	Bottom strand oligonucleotide template for siRNA	
<400> agctttt	28 tcca aaaaacaggg aagaattcta caagaatctc ttgaattctt gtagaattct	60
tcccg		65
<210><211><211><212><213>		
<220> <223>	Sense siRNA strand against WSSV ProIn gene	
<400>	29 cuuu caugaaacat t	21

<210> <211>	30 21	
<212>	DNA Artificial	
<7T2>	ALCILICIAL	
<220>		
	Antisense siRNA strand against WSSV ProIn gene	
12237	Iniciponde bildir borana agaznot mbbv rrozn gene	
<400>	30	
	auga aaggguccct t	21
<210>	31	
<211>	63	
<212>	DNA	
	Artificial	
<220>		
<223>	Top strand oligonucleotide template for siRNA	
	•	
<400>	31	
gatccgg	ggac cettteatga aacatteaag agatgtttea tgaaagggte cettttttgg	60
aaa		63
<210>	32	
<211>	63	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Bottom strand oligonucleotide template for siRNA	
<400>	32	
agctttt	cca aaaaagggac cctttcatga aacatctctt gaatgtttca tgaaagggtc	60
ccg		63
010		
<210>	33	
<211>	21	
<212>	DNA	
<213>	Artificial	
000		
<220>	Conse si DNA strond ospinst WCCV DwoTn sone	
<223>	Sense siRNA strand against WSSV ProIn gene	
<400>	33	
	caga ugcccuuuat t	21
Jycaua	Jaga agoodaaaa o	e
<210>	34	
<211>	21	
<212>	DNA	

<213> Artificial

<220> <223>	Antisense siRNA strand against WSSV ProIn gene	
<400> uaaaggg	34 gcau cuguaugcct t	21
<210><211><212><212><213>	35 63 DNA Artificial	
<220> <223>	Top strand oligonucleotide template for siRNA	
<400> gatccg	35 gcat acagatgccc tttattcaag agataaaggg catctgtatg ccttttttgg	60
aaa		63
<210><211><211><212><213>		
<220> <223>	Bottom strand oligonucleotide template for siRNA	
<400>	36 tcca aaaaaggcat acagatgccc tttatctctt gaataaaggg catctgtatg	60
ccg		63
<210><211><212><212><213>	37 21 DNA Artificial	
<220> <223>	Sense siRNA strand against WSSV Rr092 gene	
<400> ggaaga	37 uuca ucuguucgat t	21
<210><211><211><212><213>	DNA	
<220> <223>	Antisense siRNA strand against WSSV Rr092 gene	
<400> ucgaac	38 agau gaaucuucct g	21

<210><211><212><213>	39 63 DNA Artificial	
<220> <223>	Top strand oligonucleotide template for siRNA	
<400>	39	
gatccga	aga ttcatctgtt cgattcaaga gatcgaacag atgaatcttc ctgtttttgg	60
aaa		63
<210>	40	
<211>	65	
	DNA	
<213>	Artificial	
<220>		
<223>	Bottom strand oligonucleotide template for siRNA	
<400>	40	
agctttt	cca aaaaacagga agattcatct gttcgatctc ttgaatcgaa cagatgaatc	60
ttccg		65
		
<210>	41	
<211>	21	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Sense siRNA strand against WSSV Rr092 gene	
<400>	41	
ggacau	gauu augcgugugt t	21
<210>	42	
<211>	21	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Antisense siRNA strand against WSSV Rr092 gene	
<400>	42	
cacacgo	caua aucaugucct g	21
<210>	43	
<211>	65	
<212>	DNA	

<213>	Artificial	
<220>		
<223>	Top strand oligonucleotide template for siRNA	
<400>	43	
gatccgg	gaca tgattatgcg tgtgttcaag agacacacgc ataatcatgt cctgtttttt	60
ggaaa		65
<210>	44	
<211>	65	
<212>	DNA	
<213>	Artificial	
<220>		
	Bottom strand oligonucleotide template for siRNA	
<400>	44 cca aaaaacagga catgattatg cgtgtgtctc ttgaacacac gcataatcat	60
agette	ceca adadacagga catgattatg cytytytete ttydacacae geataateat	80
gtccg		65
<210>	45	
<211>	21	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Sense siRNA strand against WSSV Rr092 gene	
	J J	
<400>	45	0.1
ggauaccauc aauagaaagt t		
<210>		
<211>	21	
<212>		
<213>	Artificial	
<220>		
<223>	Antisense siRNA strand against WSSV Rr092 gene	
<400>	46	
	auug augguaucct t	21
-010:	4.7	
<210> <211>	47 63	
<211>	DNA	
	Artificial	
<220>	Mon strand alignous loctide template for siDNA	
<223>	Top strand oligonucleotide template for siRNA	

gatccgg	gata ccatcaatag aaagttcaag agactttcta ttgatggtat ccttttttgg	60
aaa		63
<210><211><212><212><213>	48 63 DNA Artificial	
<220> <223>	Bottom strand oligonucleotide template for siRNA	
<400> agctttt	48 teca aaaaaggata ecateaatag aaagtetett gaaettteta ttgatggtat	60
ccg		63
<210><211><212><213>	49 21 DNA Artificial	
<220> <223>	Sense siRNA strand against WSSV DNAPol gene	
<400> ggaagu	49 gguc aucuacgact t	21
<210><211><211><212><213>	50 21 DNA Artificial	
<220> <223>	Antisense siRNA strand against WSSV DNAPol gene	
<400> gucgua	50 _. gaug accacuucct t	21
<210><211><212><212><213>		
<220> <223>	Top strand oligonucleotide template for siRNA	
<400> gatccg	51 gaag tggtcatcta cgacttcaag agagtcgtag atgaccactt ccttttttgg	60
222		63

<210>	52	
<211>	63	
	DNA	
<213>	Artificial	
<220>		
<223>	Bottom strand oligonucleotide template for siRNA	
<400>	52	
agctttt	cca aaaaaggaag tggtcatcta cgactctctt gaagtcgtag atgaccactt	60
ccg		63
<210>	53	
<211>	21	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Sense siRNA strand against WSSV DNAPol gene	
<400>	53	
	acau gaaacuguct t	21
JJJ		
<210>	54	
<211>	21	
<212>		
	Artificial	
\210/		
<220>		
	Antisense siRNA strand against WSSV DNAPol gene	
\22J/	THE CLOCKED CLASSIC CONTRACT OF THE CASE O	
<400>	54	
	uuca uguucuucct t	21
gacaga	adda dyddoddod o	
<210>	55	
<211>	63	
<212>	DNA	
<213>	Artificial	
<213>	Altilitat	
<220>		
	Top strand oligonucleotide template for siRNA	
<223>	Top strand originateotide temprate for bridge	
<400>	55	
	gaag aacatgaaac tgtcttcaag agagacagtt tcatgttctt ccttttttgg	60
gateeg	gaag aacatgaaac tgcctccaag agagacagtt tcatgttctt cctttttgg	00
		63
aaa		55
-01A-	E.C.	
<210>	56	
<211>	63	
<212>	DNA	
<213>	Artificial	

		·	

<220>	Bottom strand oligonucleotide template for siRNA	
<400>	56 tcca aaaaaggaag aacatgaaac tgtctctctt gaagacagtt tcatgttctt	60
ccg		63
_		
<210>		
<211> <212>		
	Artificial	
<220>		
<223>	Sense siRNA strand against WSSV DNAPol gene	
<400>	57	
ggagca	uugu cauuuaauat t	21
<210>	58	
<211>		
<212>	DNA Artificial	
<213>	Artificial	
<220>		
<223>	Antisense siRNA strand against WSSV DNAPol gene	
<400>	58	
	auga caaugcucct c	21
<210>	59	
<211>		
<212>		
<213>	Artificial	
<220>		
<223>	Top strand oligonucleotide template for siRNA	
<400>	59 .	
gatccg	gagc attgtcattt aatattcaag agatattaaa tgacaatgct cctcttttt	60
ggaaa		65
-070-	60	
<210><211>	65	
<212>		
<213>	Artificial	
<220>		
<223>	Bottom strand oligonucleotide template for siRNA	
.4.0.0		
<400>	60	

	,		
		·	

			•
•			
		•	

agcttti	cca aaaaagagga gcattgtcat ttaatatctc ttgaatatta aatgacaatg	60
ctccg		65
<210><211><212><213>	61 21 DNA Artificial	
<220> <223>	Sense siRNA strand against Taura syndrome virus RdRp gene	
<400> ggagugi	61 ucua augcggagat t	21
<210><211><212><213>	62 21 DNA Artificial	
<220> <223>	Antisense siRNA strand against Taura syndrome virus RdRp gene	
<400> ucuccg	62 cauu agacacucct g	21
<210><211><211><212><213>		
<220> <223>	Top strand oligonucleotide template for siRNA	
<400> gatccg	63 gagt gtctaatgcg gagattcaag agatctccgc attagacact cctgtttttt	60
ggaaa		65
<210><211><212><212><213>		
<220> <223>	Bottom strand oligonucleotide template for siRNA	
<400> agcttt	64 teca aaaaacagga gtgtetaatg eggagatete ttgaatetee geattagaea	60
ataca	·	65

<210>	65	
<211> <212>	21 DNA	
	Artificial	
,		
<220>		
<223>	Sense siRNA strand against Taura syndrome virus RdRp gene	
<400>	65	0.7
gggaag	agcg gaaagcagat t	21
<210>	66	
<211>	21	
<212>		
<213>	Artificial	
000		
<220>	Antigongo gipan strond against Tours grandrone wing DdD sone	
<223>	Antisense siRNA strand against Taura syndrome virus RdRp gene	
<400>	66	
	uucc gcucuuccct t	21
_	-	
<210>	67	
<211>		
<212>		
<213>	Artificial	
<220>		
<223>	Top strand oligonucleotide template for siRNA	
<400>	67	
gatccg	ggaa gagcggaaag cagattcaag agatctgctt tccgctcttc ccttttttgg	60
aaa		63
<210>	68	
<211>	63	
<212>	DNA	
<213>	Artificial	
<220>	The beautiful and a state of the same and a state of t	
<223>	Bottom strand oligonucleotide template for siRNA	
<400>	68	
	tcca aaaaagggaa gagcggaaag cagatctctt gaatctgctt tccqctcttc	60
-		
ccg		63
01-		
<210>	69	
<211> <212>	21 DNA	
	Artificial	

•				
	•			

<220>		
<223>	Sense siRNA strand against Taura syndrome virus RdRp gene	
<400>	69	
	cauu guugacaact t	21
<210>	70	
<211>	21	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Antisense siRNA strand against Taura syndrome virus RdRp gene	
<400>	70	
guuguca	aaca augaauucct c	21
<210>	71	
<211>	65	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Top strand oligonucleotide template for siRNA	
<400>	71	
gatccg	gaat tcattgttga caacttcaag agagttgtca acaatgaatt cctctttttt	60
ggaaa		65
<210>	72	
<211>	65	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Bottom strand oligonucleotide template for siRNA	
<400>	72	
agcttt	tcca aaaaagagga attcattgtt gacaactctc ttgaagttgt caacaatgaa	60
ttccg		65
<210>	73	
<211>	21	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Sense siRNA strand against Taura syndrome virus vpl gene	
<400>	73	
	galig agaligucuat t	21

<210>	74	
<211>	21	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Antisense siRNA strand against Taura syndrome virus vpl gene	
<400>	74	
uagacai	ucuc auccaaucct t	21
J		
<210>	75	
<211>	63	
	DNA	
	Artificial	
<213>	Architetar	
000		
<220>	The second secon	
<223>	Top strand oligonucleotide template for siRNA	
<400>	75	
gatccg	gatt ggatgagatg tctattcaag agatagacat ctcatccaat ccttttttgg	60
aaa		63
<210>	76	
<211>	63	
<212>	DNA	
	Artificial	
<220>		
<223>	Bottom strand oligonucleotide template for siRNA	
\2237	Doccom Borana Orragonaciosciae comprase for briant	
<400>	76	
	tcca aaaaaggatt ggatgagatg tctatctctt gaatagacat ctcatccaat	60
agette	cca adadayyact gyatyayaty tetatetett yaatayatat ettatetaat	00
		63
ccg		03
<210>	77	
<211>	21	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Sense siRNA strand against Taura syndrome virus vpl gene	
<400>	77	
	cuug cuaaagcagt t	21
JJ J		
<210>	78	
<211>	21	

<212> DNA

<213>	Artificial	
<220>		
<223>	Antisense siRNA strand against Taura syndrome virus vpl gene	
<400>	78	
cugcuui	uagc aagcguacct g	21
<210>	79	
<211>	65	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Top strand oligonucleotide template for siRNA	
<400>		<i>-</i> 0
gatccg	gtac gettgetaaa geagtteaag agaetgettt ageaagegta eetgtttttt	60
ggaaa		65
010		
<210>	80 65	
<212>		
<213>		
<220>	The best of the second of the	
<223>	Bottom strand oligonucleotide template for siRNA	
<400>	80	
agcttt	tcca aaaaacaggt acgcttgcta aagcagtctc ttgaactgct ttagcaagcg	60
.		~ F
taccg		65
<210>	81	
<211>	21	
<212>	DNA Artificial	
<213>	Arcilletar	
<220>		
<223>	Sense siRNA strand against Taura syndrome virus vpl gene	
-400-	81	
<400>	gaag gugucuuugt t	21
ggaaac	gaag gagacaaago c	
<210>		
<211><212>		
<213>		
<220>		
<223>	Antisense siRNA strand against Taura syndrome virus vpl gene	

<400> caaagac	82 eacc uucguaucct g	21
<212>	83 65 DNA Artificial	
<220> <223>	Top strand oligonucleotide template for siRNA	
<400> gatccgg	83 gata cgaaggtgtc tttgttcaag agacaaagac accttcgtat cctgtttttt	60
ggaaa		65
<210><211><212><212><213>	84 65 DNA Artificial	
<220> <223>	Bottom strand oligonucleotide template for siRNA	
<400> agctttt	84 cca aaaaacagga tacgaaggtg tetttgtete ttgaacaaag acacettegt	60
atccg		65
<210><211><211><212><213>	85 21 DNA Artificial	
<220> <223>	Sense siRNA strand against YHV YHVgp gene	
<400> ggcucgo	85 caua ucauuuauat t	21
<210><211><211><212><213>	86 21 DNA Artificial	,
<220> <223>	Antisense siRNA strand against YHV YHVgp gene	
.<400> uauaaaı	86 ugau augcgagcct g	21

<210> 87

<211>	65	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Top strand oligonucleotide template for siRNA	
<400>	87	
	gctc gcatatcatt tatattcaag agatataaat gatatgcgag cctgtttttt	60
ggaaa		65
<210>	88	
<211>		
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Bottom strand oligonucleotide template for siRNA	
<400>	88	
	tcca aaaaacaggc tcgcatatca tttatatctc ttgaatataa atgatatgcg	60
agccg		65
3 3		
<210>	89	
<211>	21	
<212>		
	Artificial	
<220>		
<223>	Sense siRNA strand against YHV YHVgp gene	
400		
<400>	89 ccuc ccgccaacat t	21
ggaaaa		
<210>	90	
<211>	21	
<212>	DNA	
<213>		
<220>		
<223>	Antisense siRNA strand against YHV YHVgp gene	
<400>	90	
uguugg	cggg aggauaucct t	21
<210>	91	
<211>	63	
<212>	DNA	
	Artificial	
<220>		

<223>	Top strand oligonucleotide template for siRNA	
<400>	91	
gatccg	gata tectecegee aacatteaag agatgttgge gggaggatat cettttttgg	60
aaa		63
<210>	92	
<211>	63	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Bottom strand oligonucleotide template for siRNA	
<400>	92	
agcttti	cca aaaaaggata teeteeegee aacatetett gaatgttgge gggaggatat	60
aaa		63
ccg		0.5
<210>	93 21	
<212>		
	Artificial	
<220> <223>	Sense siRNA strand against YHV YHVgp gene	
\2237	beinge bliddi beland agaline inv invgp gene	
<400>	93	
ggucuu	uguu augaaguagt t	21
<210>	94	
<211> <212>	21	
	DNA Artificial	
<220>	The beautiful and the second and the second and second	
<223>	Antisense siRNA strand against YHV YHVgp gene	
<400>	94	
cuacuu	caua acaaagacct t	21
<210>	95	
<211>	63	
<212>		
<413>	Artificial	
<220>		
<223>	Top strand oligonucleotide template for siRNA	
<400>	95	
	75	60

aaa	i.	63
<210><211><211><212><213>	96 63 DNA Artificial	
<220> <223>	Bottom strand oligonucleotide template for siRNA	
<400> agcttt	96 tcca aaaaaggtct ttgttatgaa gtagtctctt gaactacttc ataacaaaga	60
ccg		63
<210><211><212><213>	97 21 DNA Artificial	
<220> <223>	Sense siRNA strand against IHHNV orfl gene	
<400> ggacau	97 acug cauacacgut t	21
<210><211><212><212><213>	DNA	
<220> <223>	Antisense siRNA strand against IHHNV orf1 gene	
<400> acgugu	98 augc aguaugucct t	21
<210><211><211><212><213>	99 63 DNA Artificial	
<220> <223>	Top strand oligonucleotide template for siRNA	
<400> gatccg	99 gaca tactgcatac acgtttcaag agaacgtgta tgcagtatgt ccttttttgg	60
aaa		63
<210> <211>	100 63	

```
<212> DNA
<213> Artificial
<220>
<223> Bottom strand oligonucleotide template for siRNA
<400> 100
agcttttcca aaaaaggaca tactgcatac acgttctctt gaaacgtgta tgcagtatgt
ccg
                                                                     63
<210> 101
<211> 21
<212> DNA
<213> Artificial
<220>
<223> Sense siRNA strand against IHHNV orfl gene
<400> 101
gguccaaauc aagacccuat t
                                                                     21
<210> 102
<211> 21
<212> DNA
<213> Artificial
<220>
<223> Antisense siRNA strand against IHHNV orfl gene
<400> 102
uagggucuug auuuggacct g
                                                                     21
<210> 103
<211> 65
<212> DNA
<213> Artificial
<220>
<223> Top strand oligonucleotide template for siRNA
<400> 103
gatccggtcc aaatcaagac cctattcaag agatagggtc ttgatttgga cctgtttttt
                                                                     60
ggaaa
                                                                     65
<210> 104
<211> 65
<212> DNA
<213> Artificial
<220>
<223> Bottom strand oligonucleotide template for siRNA
```

agctttt	104 cca aaaaacaggt ccaaatcaag accctatctc ttgaataggg tcttgatttg	60
gaccg		65
<210><211><212>	105 21 DNA	
	Artificial	
<220>		
<223>	Sense siRNA strand against IHHNV orf1 gene	
<400>	105 laua aagacaaact t	21
33.		
<210>	106	
<211> <212>	21	
	Artificial	
<220>		
<223>	Antisense siRNA strand against IHHNV orfl gene	
<400>	106 cuuu auauugucct c	21
guuugu	suuu auauugueet e	21
<210>	107	
<211>	65 DNA	
<212> <213>	DNA Artificial	
<220>		
<223>	Top strand oligonucleotide template for siRNA	
<400>	107	60
gatccg	gaca atataaagac aaacttcaag agagtttgtc tttatattgt cctctttttt	60
ggaaa		65
<210>	108	
<211>	65	
<212>	DNA	
<213>	Artificial	
<220> <223>	Bottom strand oligonucleotide template for siRNA	
<400>	108 tcca aaaaagagga caatataaag acaaactctc ttgaagtttg tctttatatt	60
ataca		65

```
<210> 109
<211> 21
<212> DNA
<213> Artificial
<220>
<223> Sense siRNA strand against IHHNV orf2 gene
<400> 109
ggaucaagug gaccagacct t
                                                                     21
<210> 110
<211> 21
<212> DNA
<213> Artificial
<220>
<223> Antisense siRNA strand against IHHNV orf2 gene
<400> 110
ggucuggucc acuugaucct t
                                                                     21
<210> 111
<211> 63
<212> DNA
<213> Artificial
<220>
<223> Top strand oligonucleotide template for siRNA
<400> 111
gatccqqatc aaqtqqacca gaccttcaaq aqaqqtctqq tccacttqat ccttttttqq
aaa
                                                                     63
<210> 112
<211> 63
<212> DNA
<213> Artificial
<220>
<223> Bottom strand oligonucleotide template for siRNA
<400> 112
agcttttcca aaaaaggatc aagtggacca gacctctctt gaaggtctgg tccacttgat
                                                                     60
ccg
                                                                     63
<210> 113
<211> 21
```

<212> DNA

<213>	Artificial	
<220>		
<223>	Sense siRNA strand against IHHNV orf2 gene	
<400>	113	0.1
ggagge	acau cauuugagat t	21
<210>		
<211>	21	
<212>	DNA Artificial	
\Z1J/	AL CITICIAL	
<220>		
<223>	Antisense siRNA strand against IHHNV orf2 gene	
<400>	114	
	auga ugugecueet g	21
<210> <211>	115 65	
<211>		
	Artificial	
<220>	The state of the s	
<223>	Top strand oligonucleotide template for siRNA	
<400>	115	
gatccg	gagg cacatcattt gagattcaag agatctcaaa tgatgtgcct cctgtttttt	60
ggaaa		65
<210>	116	
<211>	65	
<212> <213>		
(21)/	AICHICIAL	
<220>		
<223>	Bottom strand oligonucleotide template for siRNA	
<400>	116	
	tcca aaaaacagga ggcacatcat ttgagatctc ttgaatctca aatgatgtgc	60
3		
ctccg		65
<210>	117	
<211>	21	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Sense siRNA strand against IHHNV orf2 gene	

ggauacuacu ggacuacaut t	
<210> 118 <211> 21 <212> DNA <213> Artificial	
<220> <223> Antisense siRNA strand against IHHNV orf2 gene	
<400> 118 auguagucca guaguaucct t	21
<210> 119 <211> 63 <212> DNA <213> Artificial	
<220> <223> Top strand oligonucleotide template for siRNA	
<400> 119 gatccggata ctactggact acatttcaag agaatgtagt ccagtagtat ccttttttgg	60
aaa	63
<210> 120 <211> 63 <212> DNA <213> Artificial	
<220> <223> Bottom strand oligonucleotide template for siRNA	
<400> 120 agcttttcca aaaaaggata ctactggact acattctctt gaaatgtagt ccagtagtat	60
ccg	63